

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	63	("5096385"   "5501665"   "5647853"   "5695473"). PN. OR ("6485465"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/13 14:04
L3	15	1 and slope	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/13 14:04
L4	2	(occlusion and detect\$4 and pump and syringe and fluid and force and time and slope).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/13 14:17
L5	2	(occlusion and detect\$4 and pump and syringe and fluid and force and slope). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/13 14:17
L6	2	(occlusion and detect\$4 and pump and syringe and force and slope).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/13 14:17
L7	12	(occlusion and detect\$4 and pump and force and slope).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/13 14:17
L8	12	(occlusion and pump and force and method and slope).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/13 14:20
S1	349	occlusion detector	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:36
S2	1533987	force	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:32
S3	169	S1 and S2	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:35
S4	12490	infusion pump	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:35
S5	111	S3 and S4	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:35
S6	14516	syringe pump	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:35
S7	41	S5 and S6	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:35
S8	14	occlusion detector force	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:37

S9	8	S6 and S8	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:40
S10	8200	force fluid line	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:40
S11	107	S6 and S10	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:40
S12	8	S1 and S11	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:41
S13	183529	(first force) and (second force)	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:43
S14	322478	(first value) and (second value)	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:42
S15	9054	((first value) and (second value)) compare	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:42
S16	4	S1 and S15	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:43
S17	32	S1 and S13	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:43
S18	154	((first force) and (second force)) compare	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:44
S19	0	S1 and S18	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:44
S20	0	S6 and S18	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:44
S21	4407	((first force) and (second force)) relationship	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:44
S22	8	S6 and S21	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:45
S23	4	S22 and (occlusion or blockage)	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:46
S24	5	("6485465"   "6572604"   "6620151"   "6648861"   "6659980").PN.	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:46
S25	2	("5501665"   "6423035"). PN.	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:47
S26	1	("6966895").PN.	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:47
S27	2	("5501665"   "6423035"). PN.	US-PGPUB; USPAT	WITH	ON	2006/09/24 12:47
S28	13	("4469480"   "4882575"   "5116203"   "5254096"   "5389071"   "5647853"   "5695473"   "5720721"   "5906589"   "5935099"   "5935106"   "5951510"   "6231560").PN. OR ("6572604").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/09/24 12:59

S29	1104	(604/65-67).CCLS.	USPAT; USOCR	OR	OFF	2006/09/25 14:06
S30	581	(604/67).CCLS.	USPAT; USOCR	OR	OFF	2006/09/25 14:06
S31	11	(US-20050096593-\$ or US-20020128594-\$ or US-20030205587-\$ or US-20030229311-\$ or US-20040133166-\$).did. or (US-5501665-\$ or US-6572604-\$ or US-6835049-\$ or US-4747828-\$ or US-6485465-\$ or US-5647853-\$).did.	US-PGPUB; USPAT	WITH	ON	2006/09/25 15:58
S32	7	S31 and bolus	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:26
S33	11	(US-20050096593-\$ or US-20020128594-\$ or US-20030205587-\$ or US-20030229311-\$ or US-20040133166-\$).did. or (US-5501665-\$ or US-6572604-\$ or US-6835049-\$ or US-4747828-\$ or US-6485465-\$ or US-5647853-\$).did.	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:10
S34	1	S33 and startup	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:00
S35	1	S33 and (start up)	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:01
S36	5	S33 and (initial or beginning)	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:10
S37	3	S33 and ((alter or change or reduce or stop) delivery)	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:27
S38	349	occlusion detector	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:27
S39	349	S38	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:27
S40	2	S38 and ((alter or change or reduce or stop) delivery automatic\$4)	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:29
S41	2	S38 and ((alter or change or reduce or stop) delivery automatic\$5)	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:29
S42	1	("6740059").PN.	USPAT; USOCR	OR	OFF	2006/09/26 06:29
S43	79	S38 and ((alter or change or reduce or stop) delivery)	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:29

S44	72	S38 and ((alter or change or reduce) delivery)	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:31
S45	14525	syringe pump	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:31
S46	16	S44 and S45	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:34
S47	47	S45 and S38	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:35
S48	9	S47 and startup	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:36
S49	21	S47 and priming	US-PGPUB; USPAT	WITH	ON	2006/09/26 06:36
S50	1	10/700348	US-PGPUB; USPAT	WITH	ON	2007/05/01 11:26
S51	1	10/700738	US-PGPUB; USPAT	WITH	ON	2007/05/01 11:26
S52	4	(US-20050096593-\$ or US-20030205587-\$).did. or (US-5501665-\$ or US-6485465-\$).did.	US-PGPUB; USPAT	OR	ON	2012/01/12 11:48
S53	0	("6288105" "20050096593" "5576349" "5760081" "4838860" "4898579" "5730731" "4244365" "5006050" "5244461" "4608042" "4617014" "4828545" "4863429" "4865584" "4900301" "4950235" "5041086" "5222362" "5242408" "5244463" "5263323" "5295967" "5304126" "5423746" "5445622" "5464392" "5505706" "5512048" "5647853" "5738658" "5980490" RE36871 "6200289" "6290681" "6362591" "6485465" "6659980" "6786885" "6800071" "6817990" "6887216" "6945954" "7063684" "7193521" "7449008" "7517332" "7621893" "7674240" "7766873" ).pn.	US-PGPUB; USPAT	WITH	ON	2012/01/12 11:48

S54	50	("6288105" "20050096593" "5576349" "5760081" "4838860" "4898579" "5730731" "4244365" "5006050" "5244461" "4608042" "4617014" "4828545" "4863429" "4865584" "4900301" "4950235" "5041086" "5222362" "5242408" "5244463" "5263323" "5295967" "5304126" "5423746" "5445622" "5464392" "5505706" "5512048" "5647853" "5738658" "5980490" RE36871 "6200289" "6290681" "6362591" "6485465" "6659980" "6786885" "6800071" "6817990" "6887216" "6945954" "7063684" "7193521" "7449008" "7517332" "7621893" "7674240" "7766873" ).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/12 11:49
S55	8	("2005/0096593").URPN.	USPAT	OR	ON	2012/01/12 11:49
S56	49	S54 and occlusion	USPAT	OR	ON	2012/01/12 12:48
S57	37	S54 and occlusion with (indicat\$4 determin\$3)	USPAT	OR	ON	2012/01/12 12:49
S58	5	S54 and occlusion with (indicat\$4 determin\$3) with slope	USPAT	OR	ON	2012/01/12 12:49
S59	5	("5935106").PN. ("6368314").PN. ("20020016569"   "4882575"   "5178603"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/01/12 13:02

### EAST Search History (I nterference)

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